
Appendix A

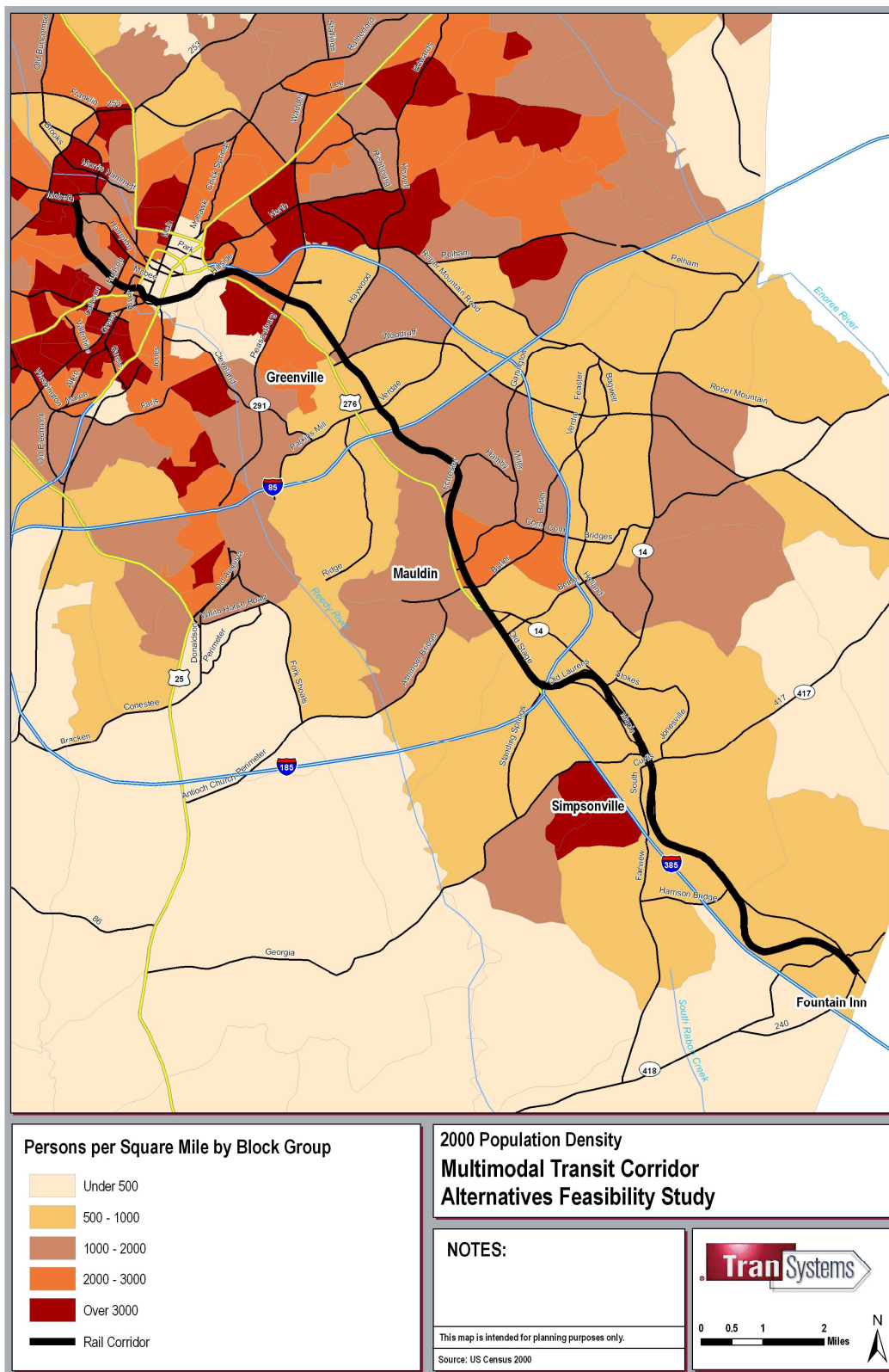
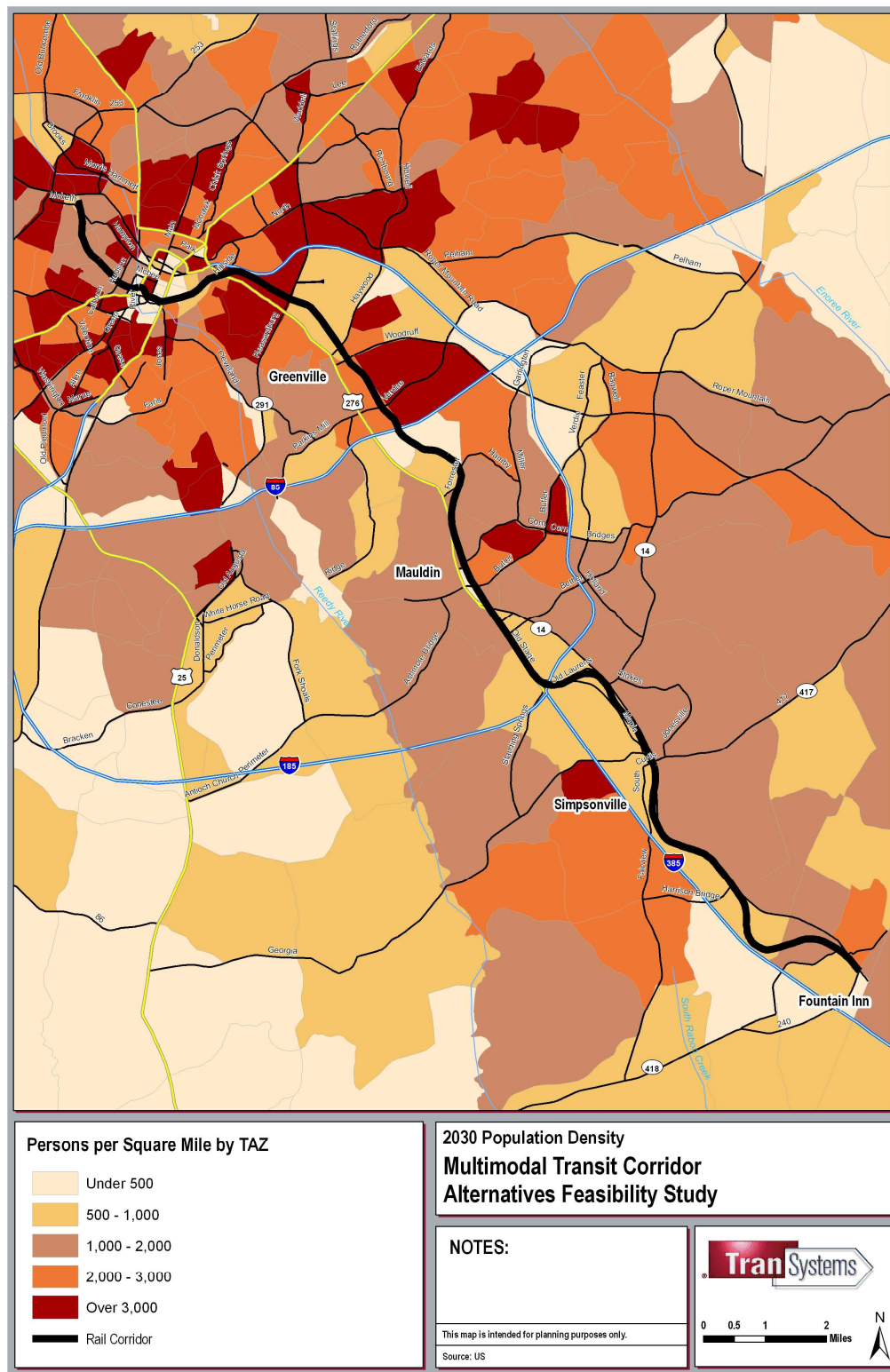
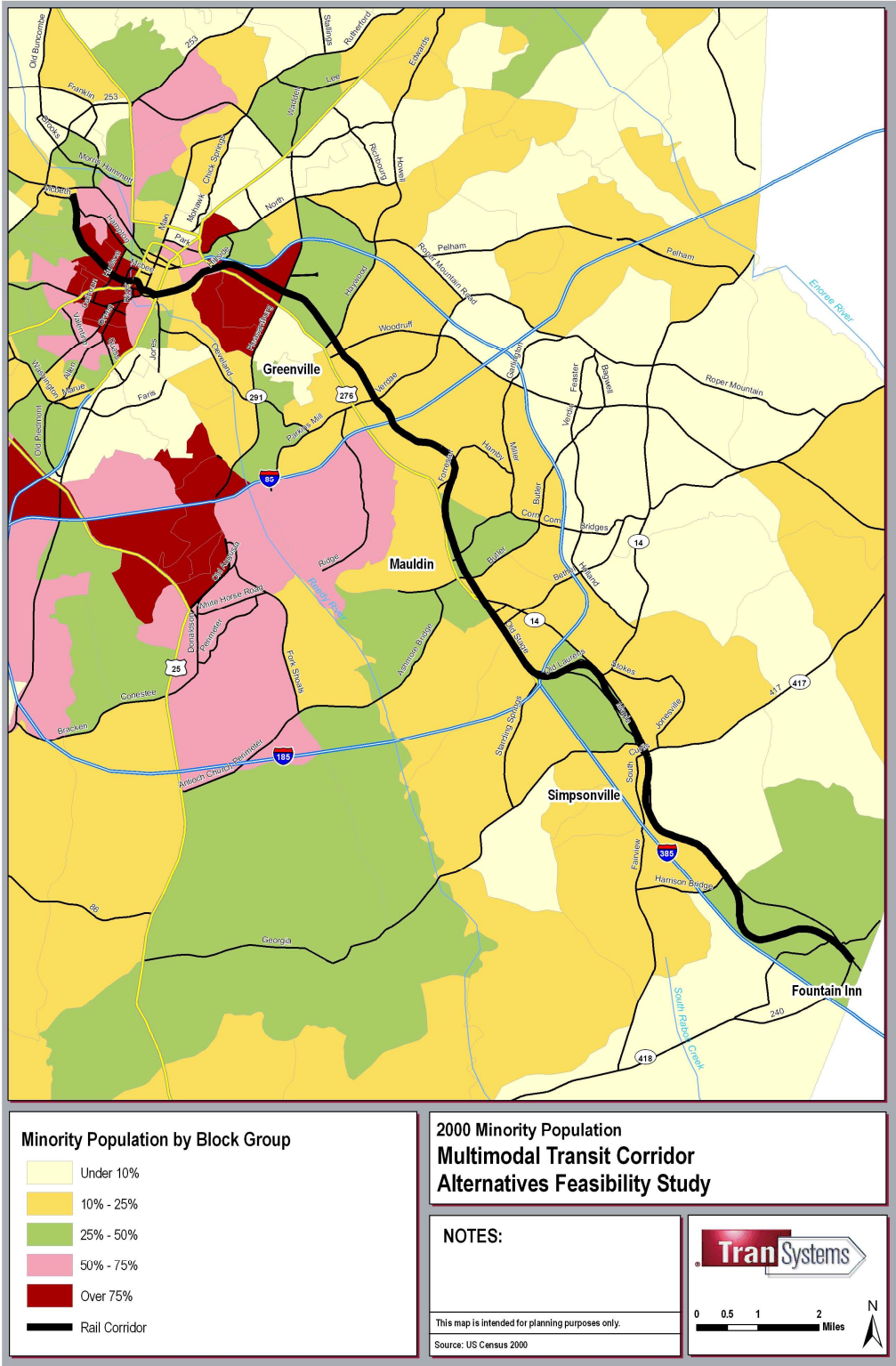


Figure A-1



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Figure A-2



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Figure A-3

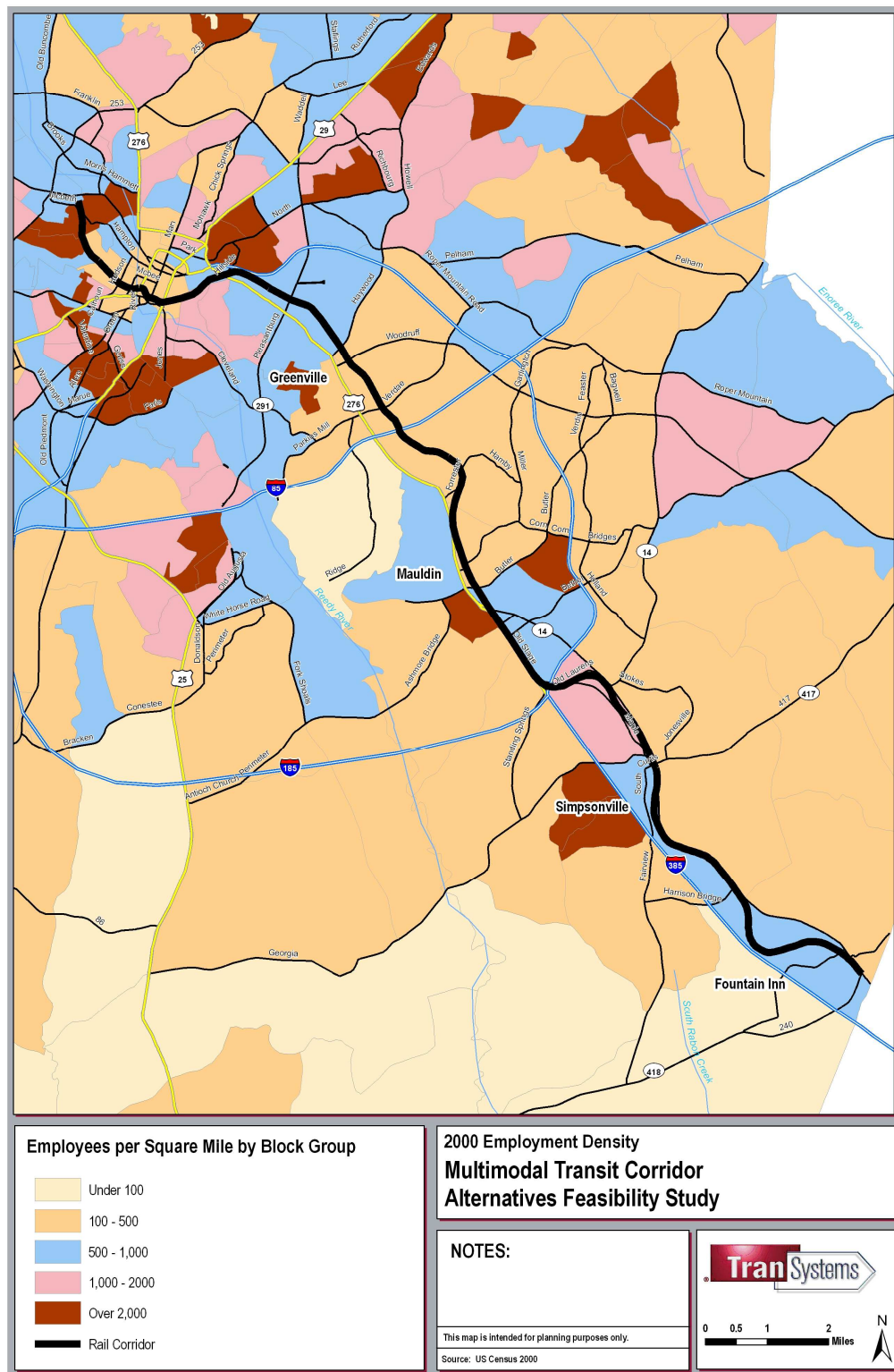


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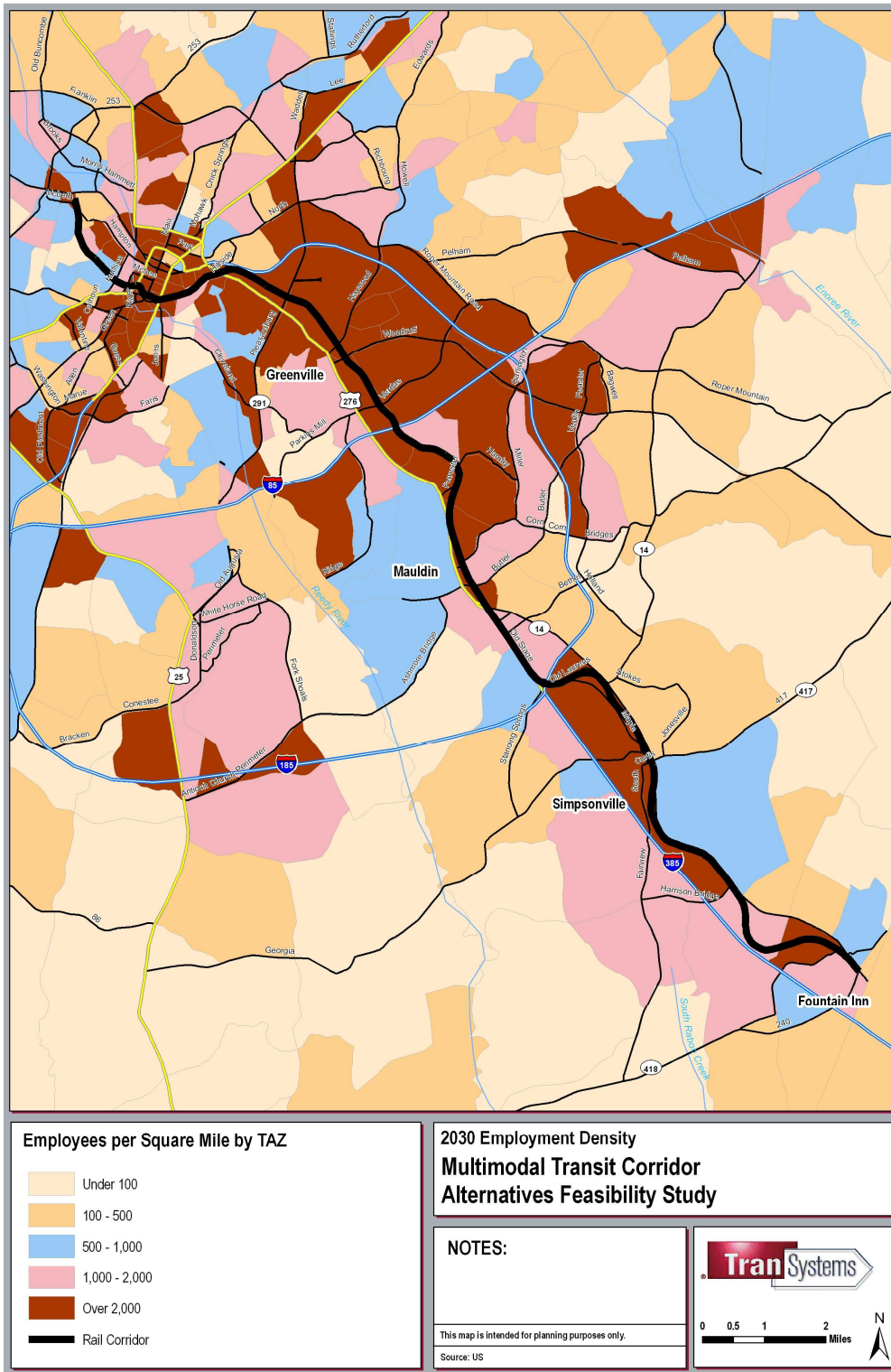


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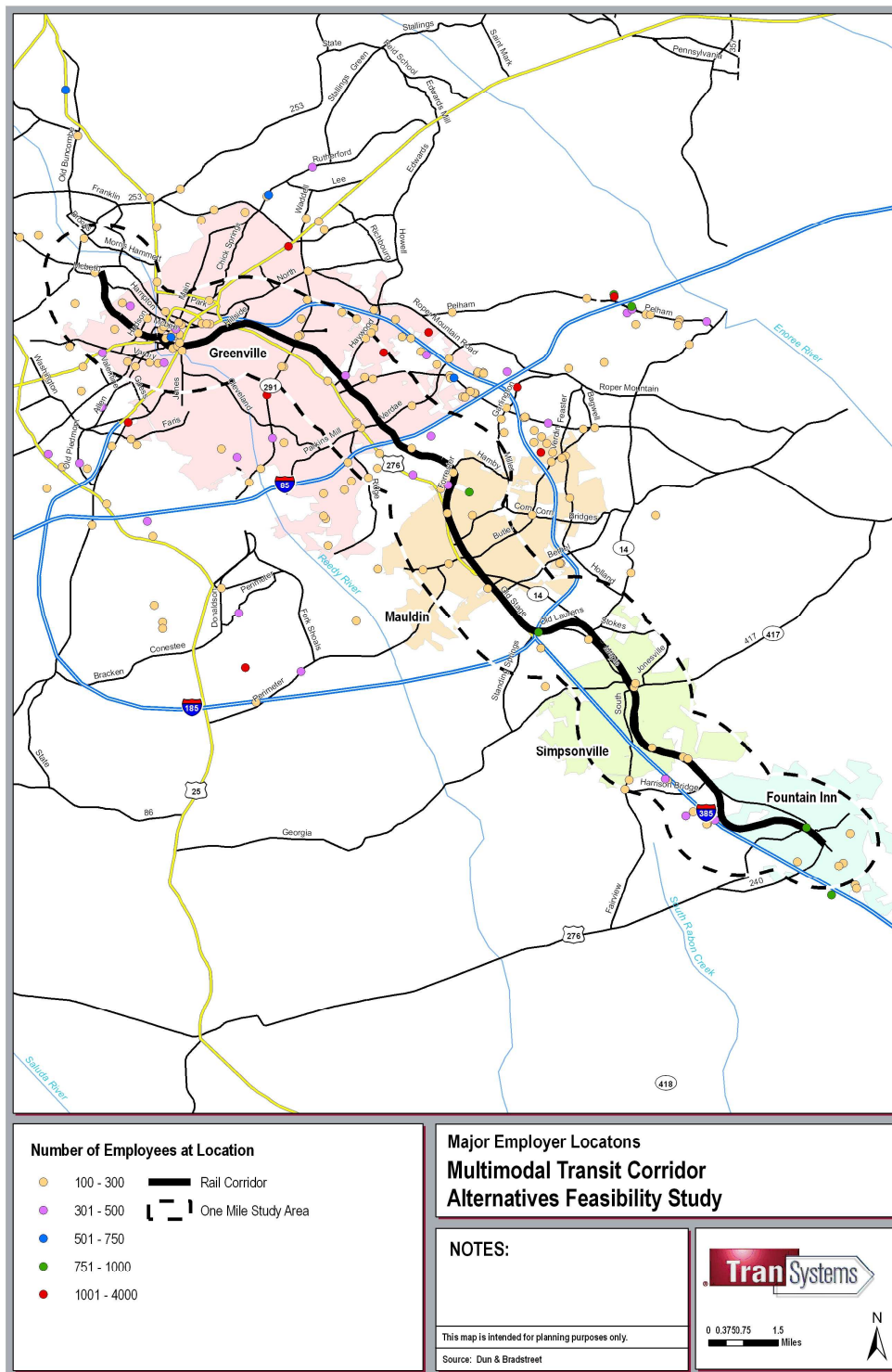


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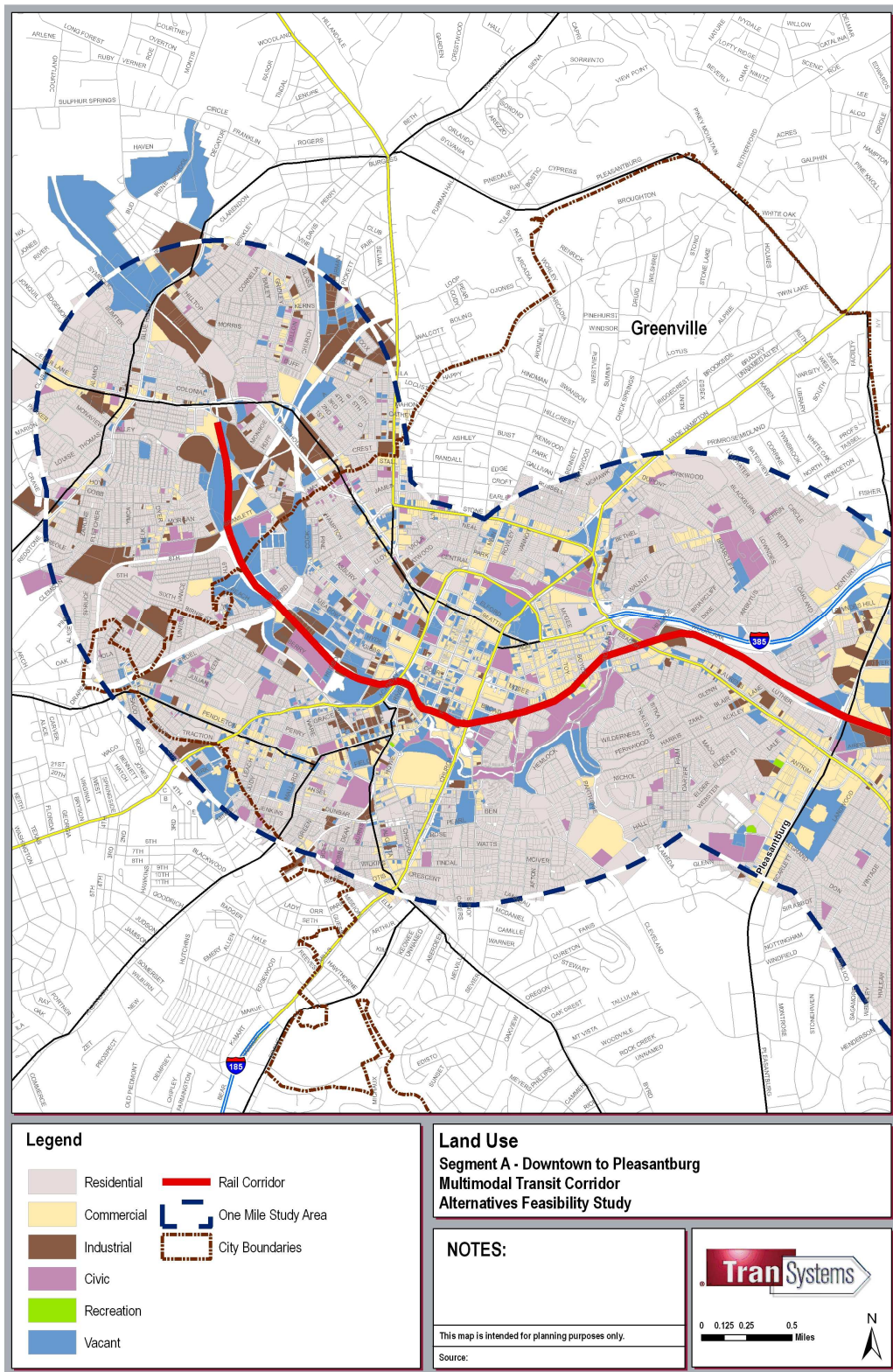


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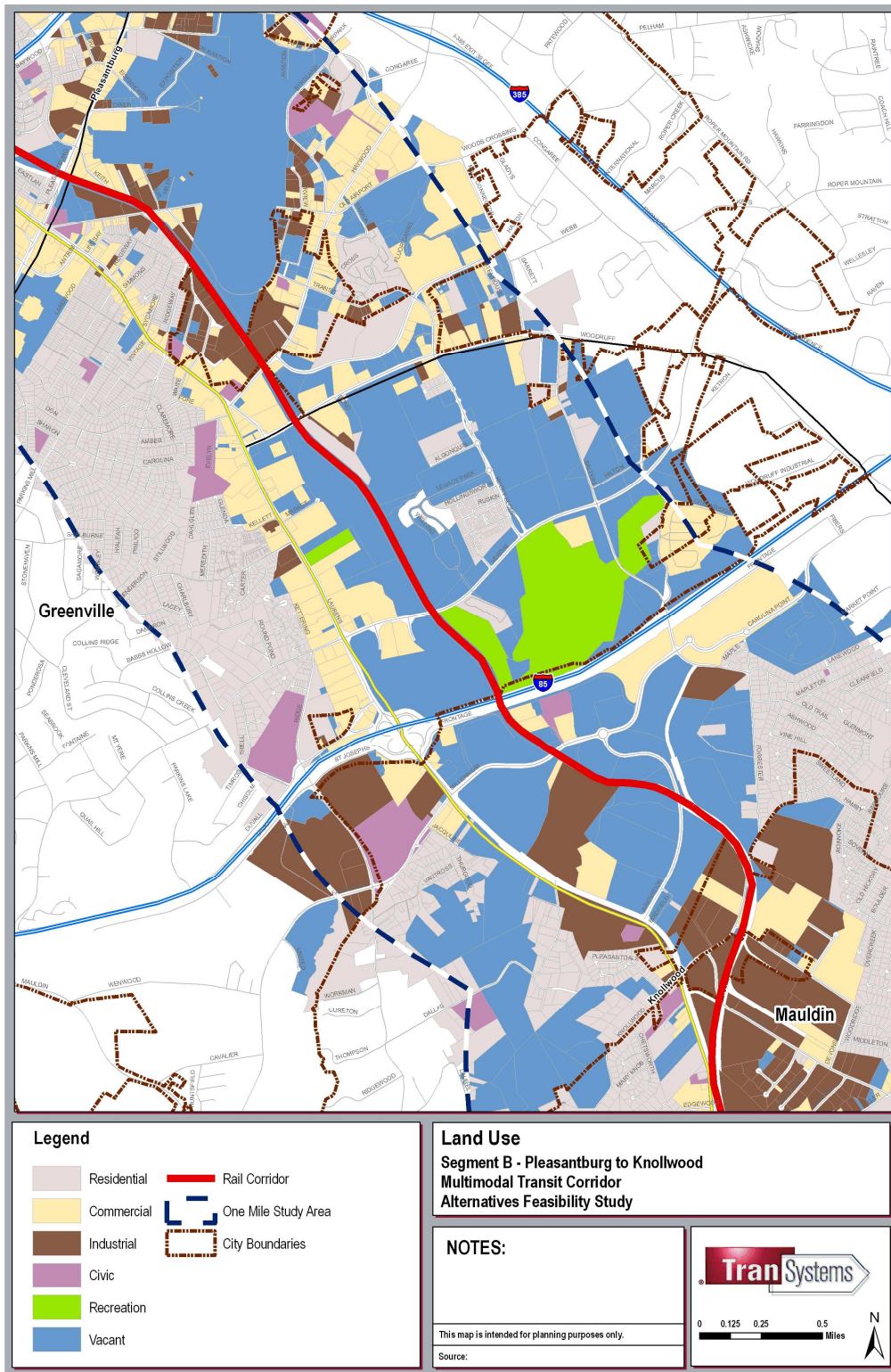
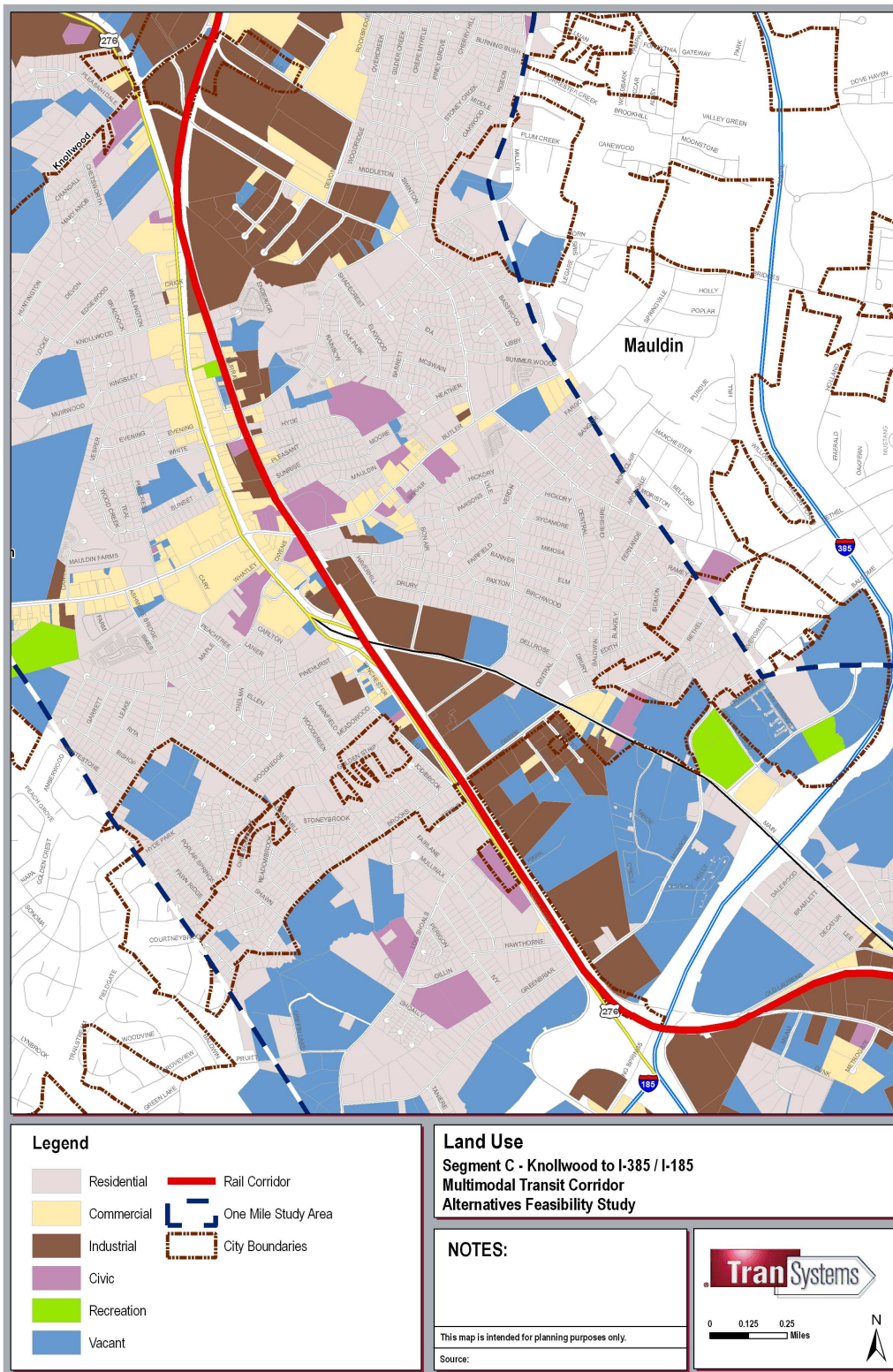
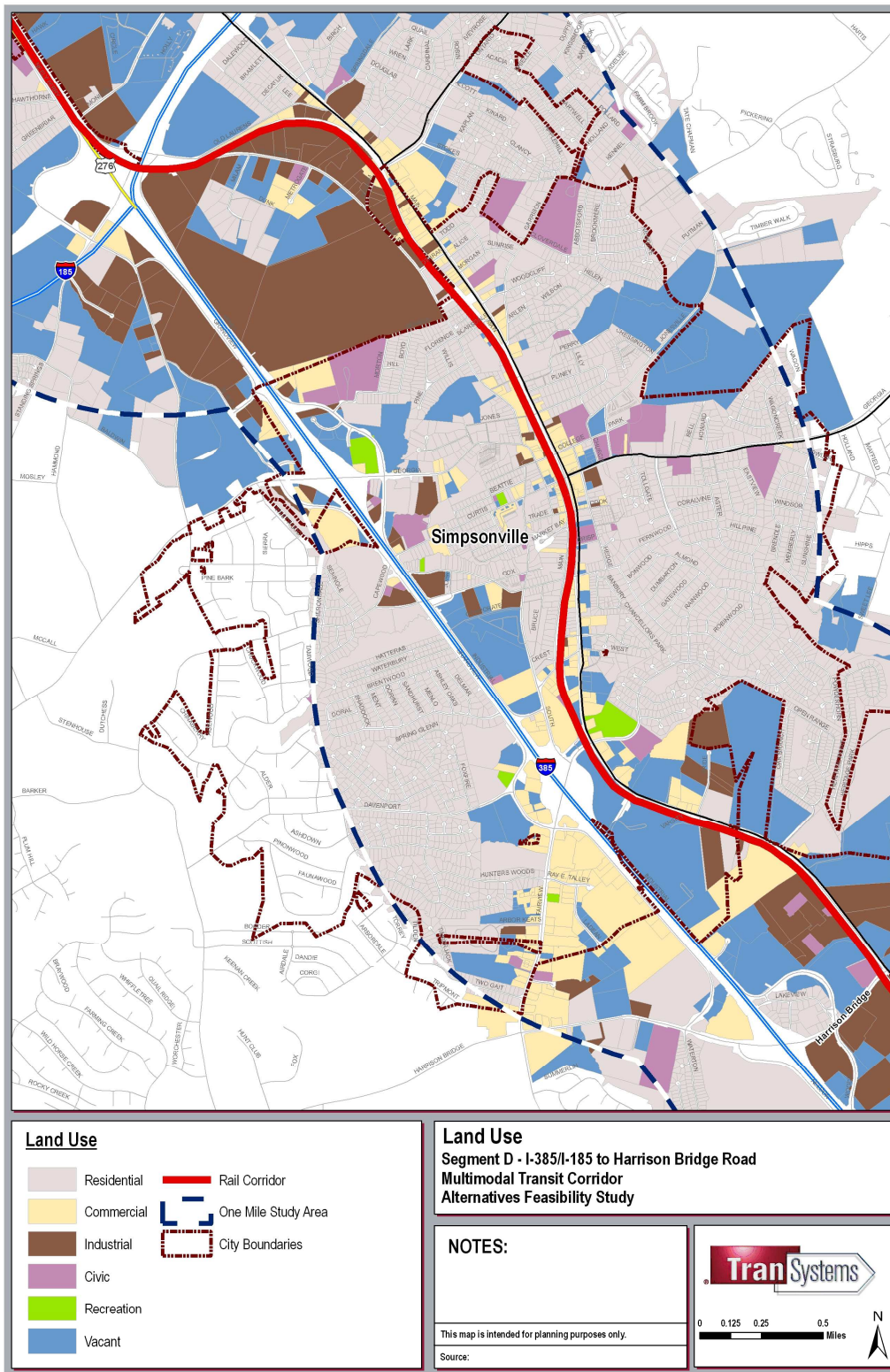


Figure A-8



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Figure A-9



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Figure A-10

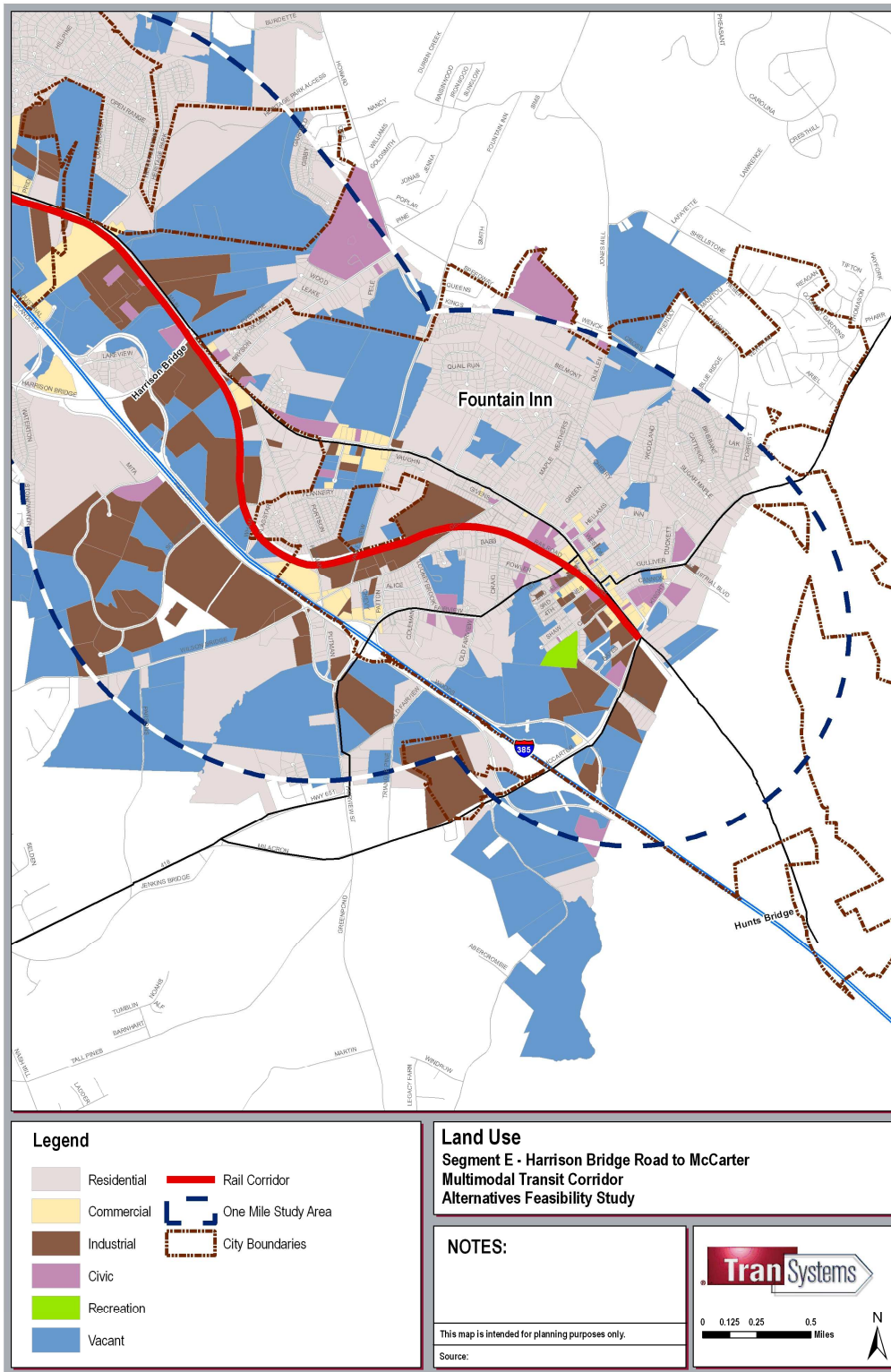
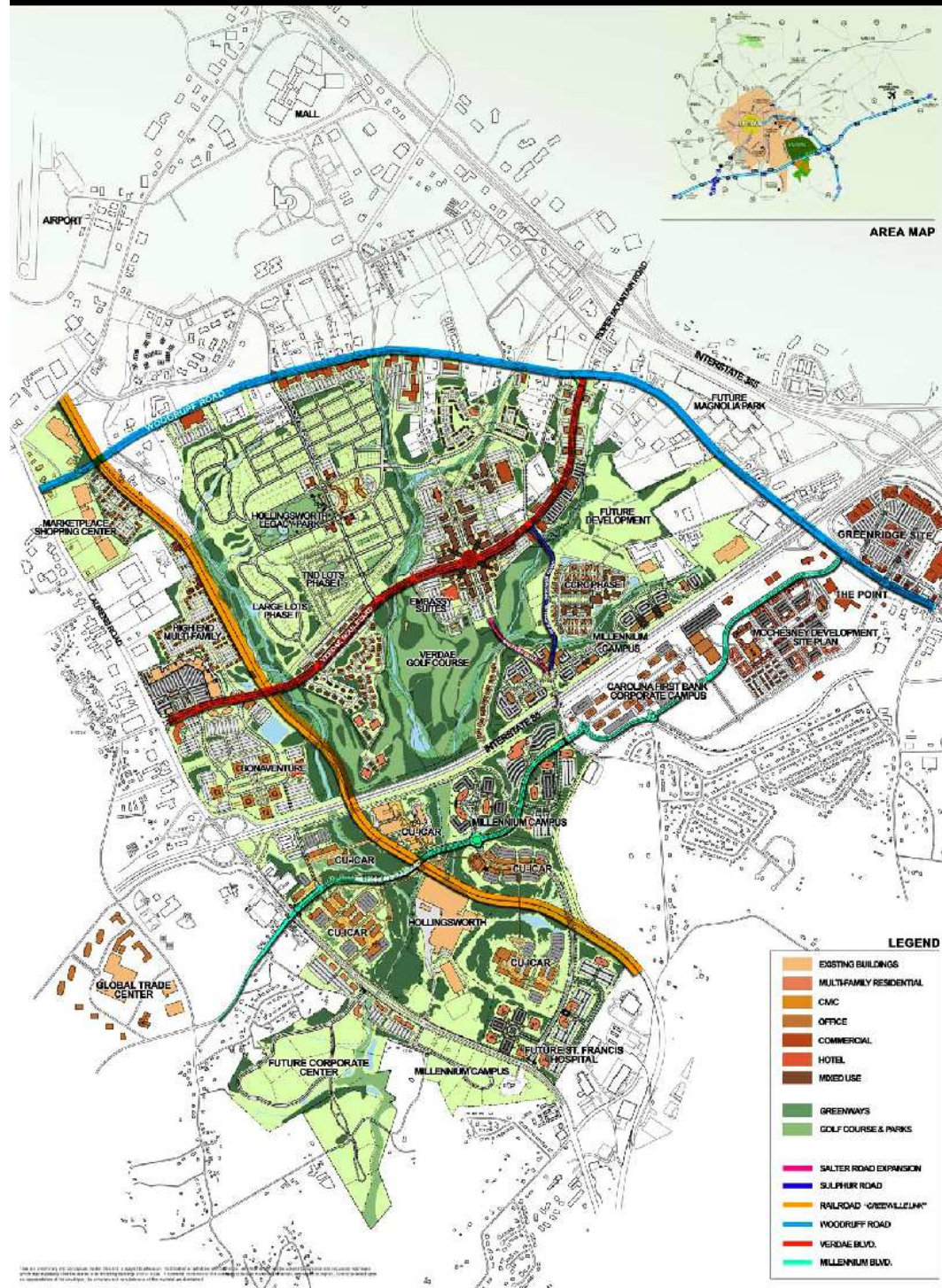


Figure A-11



The Upstate Link

Figure A-12

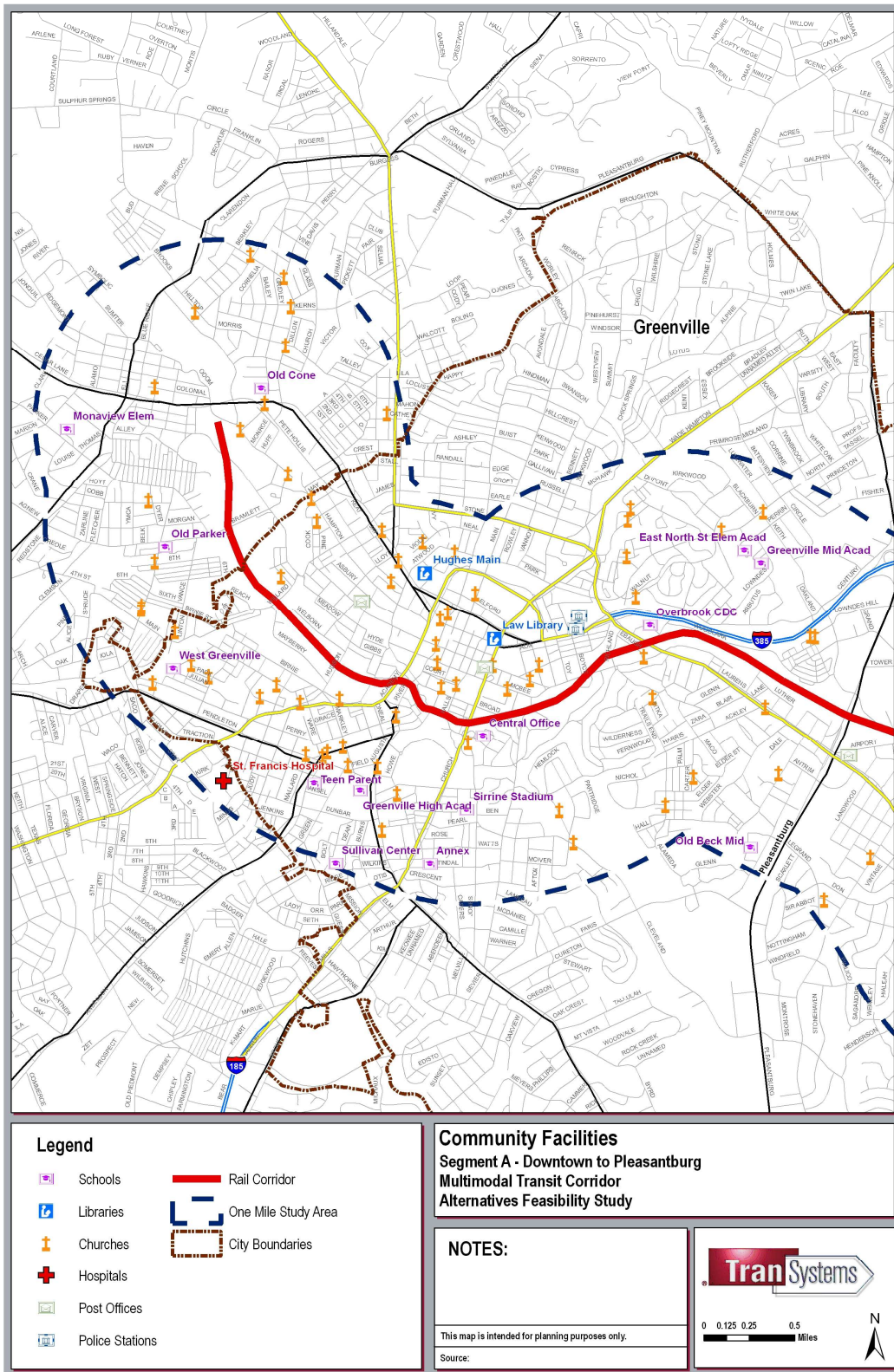
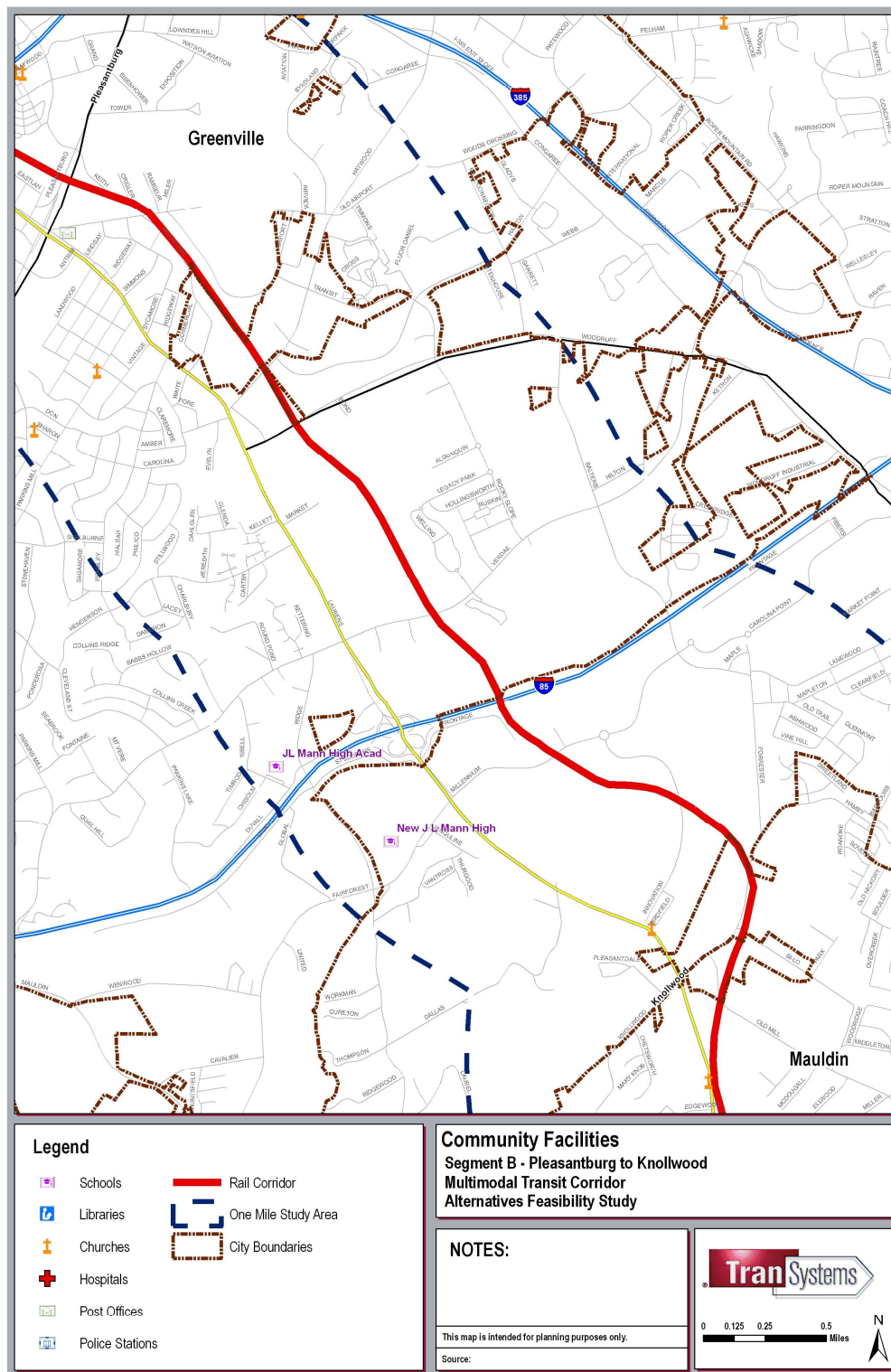
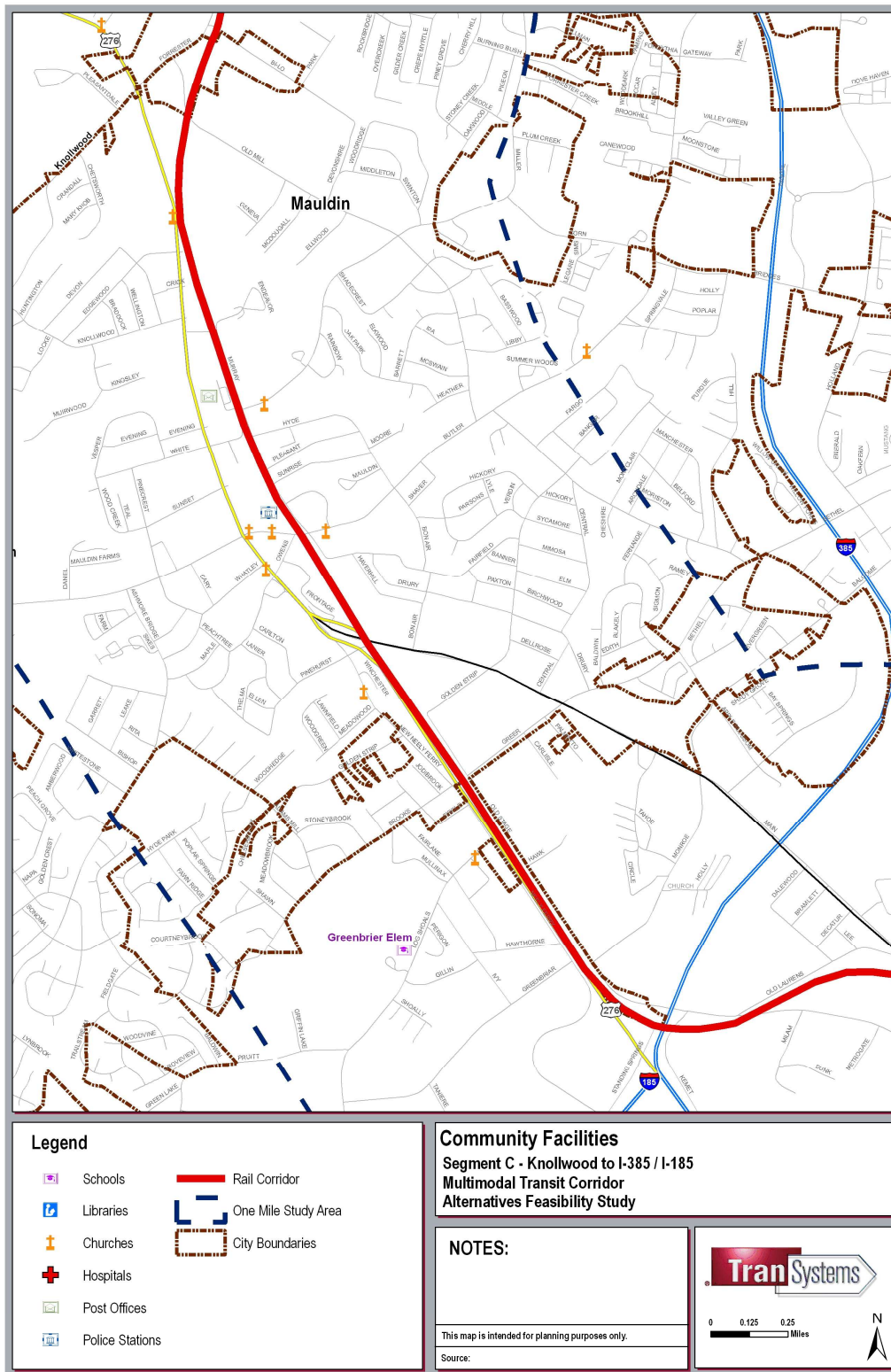


Figure A-13



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Figure A-14



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Figure A-15

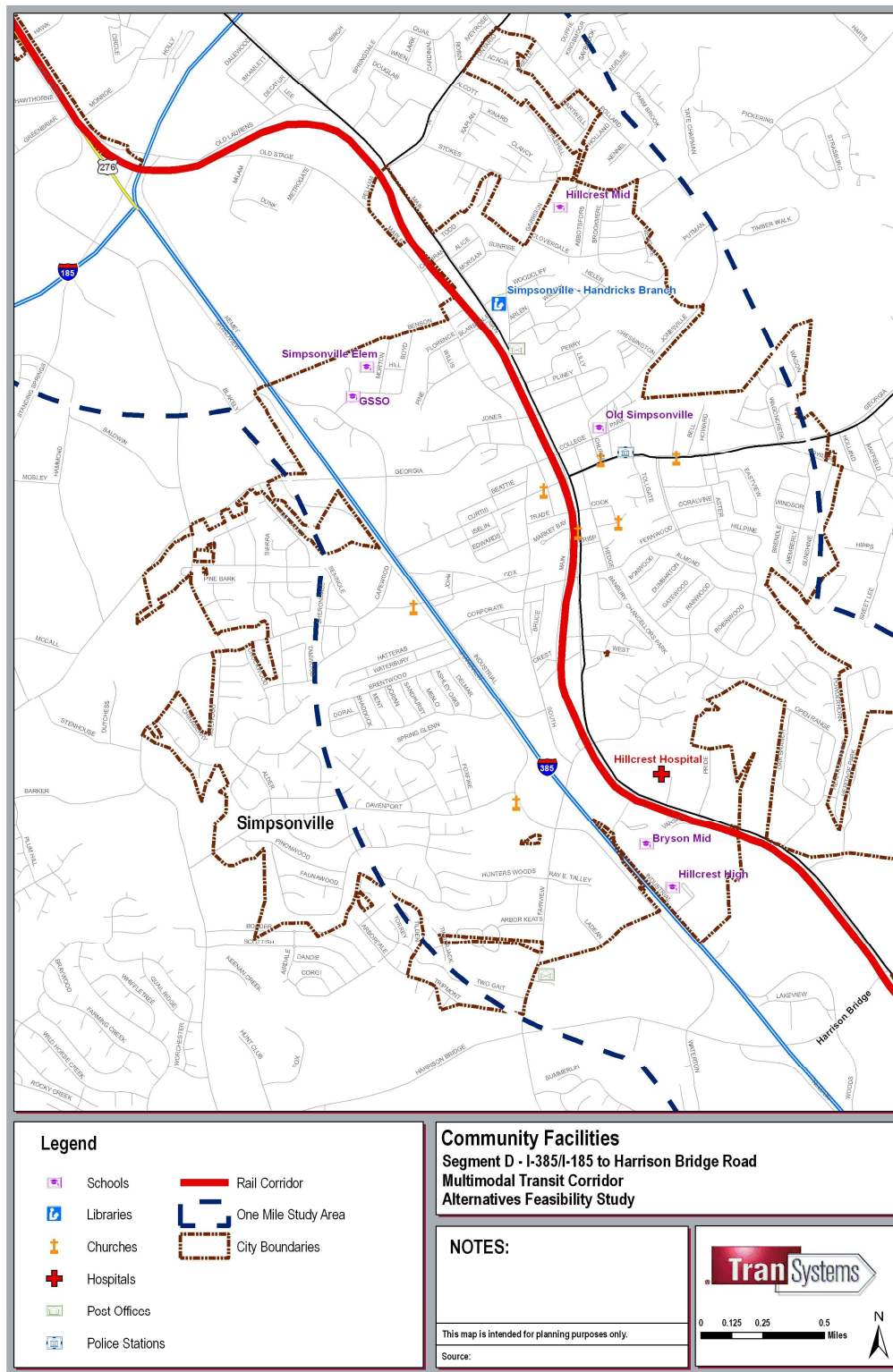


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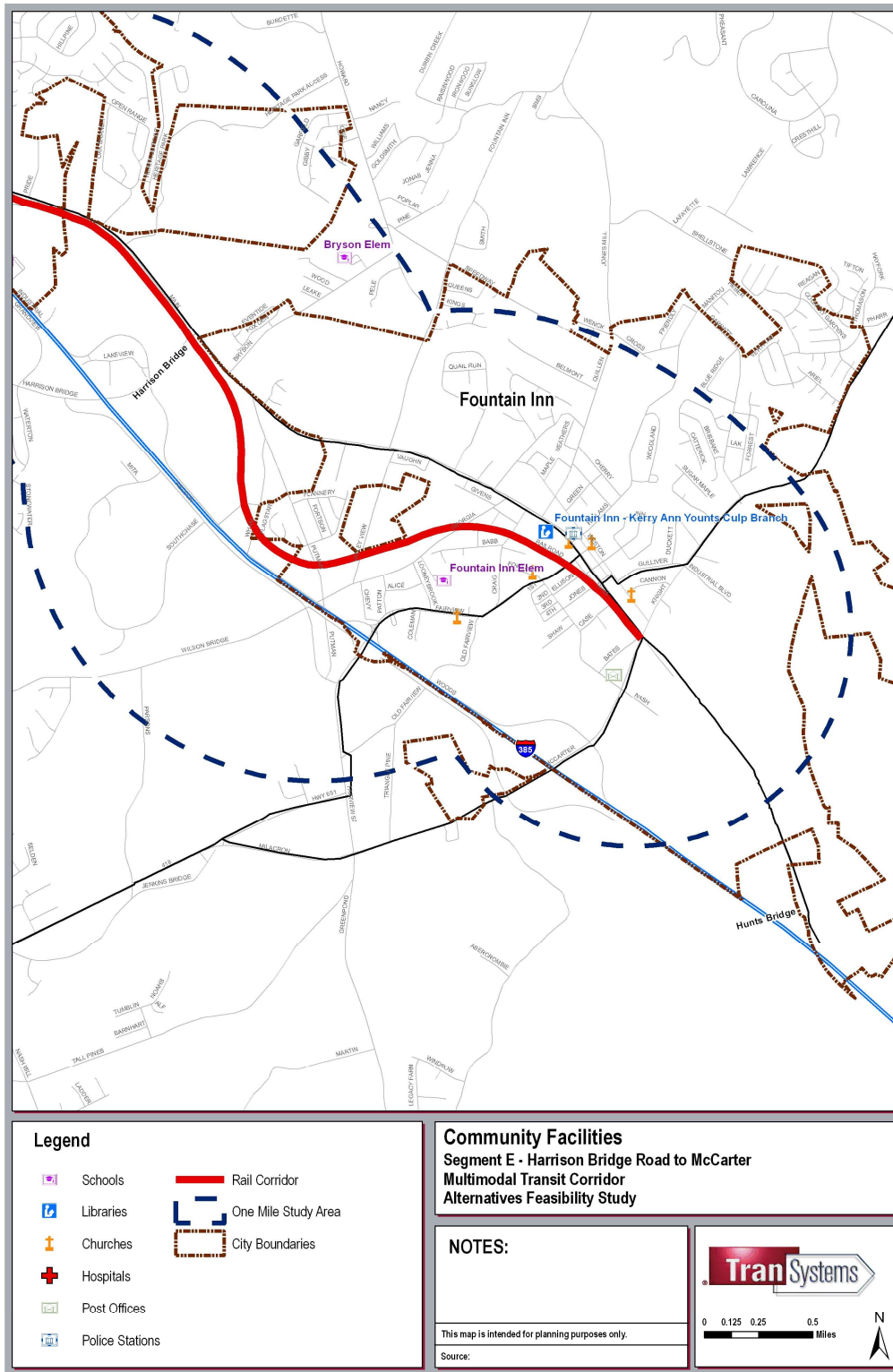
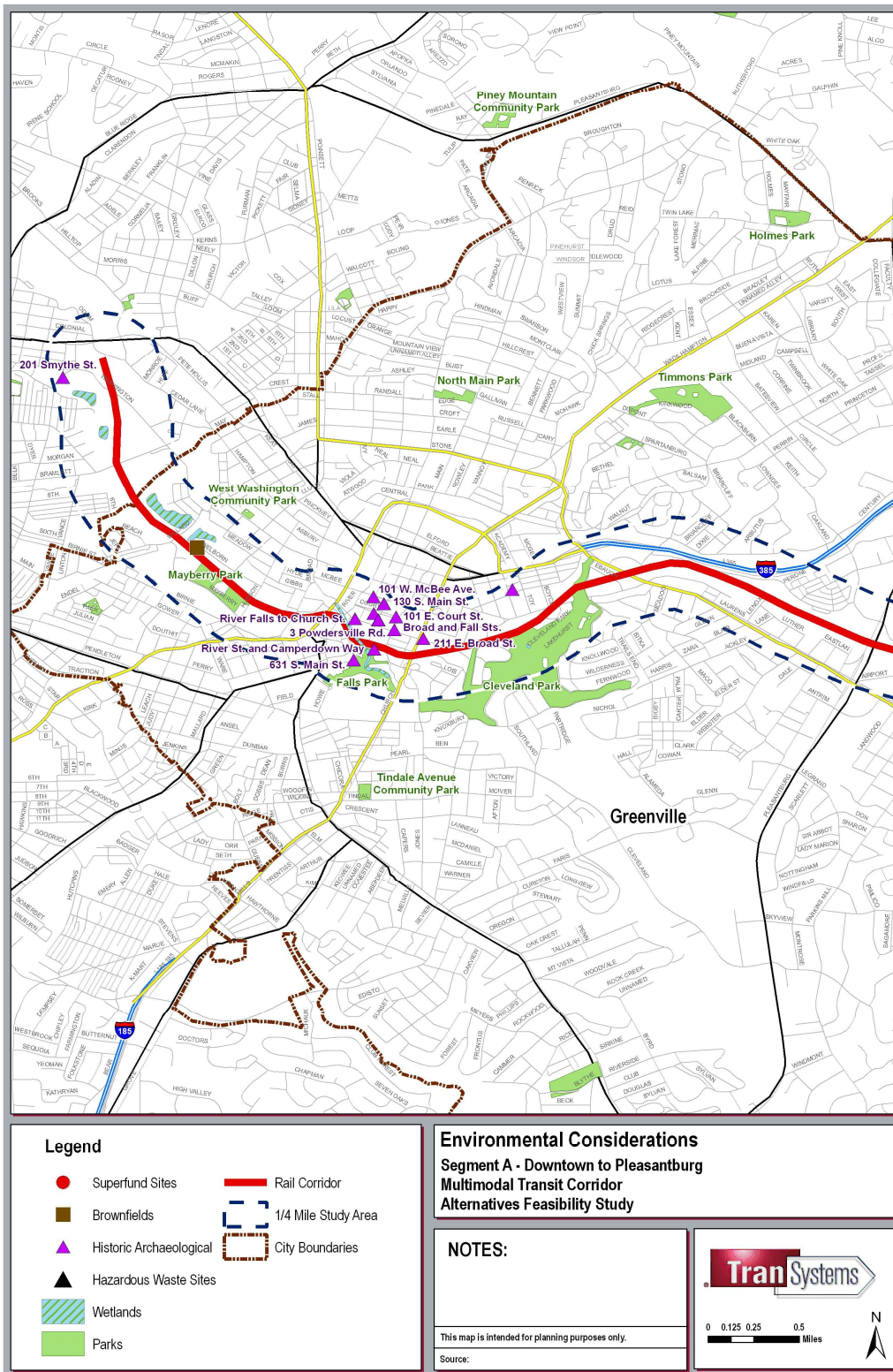
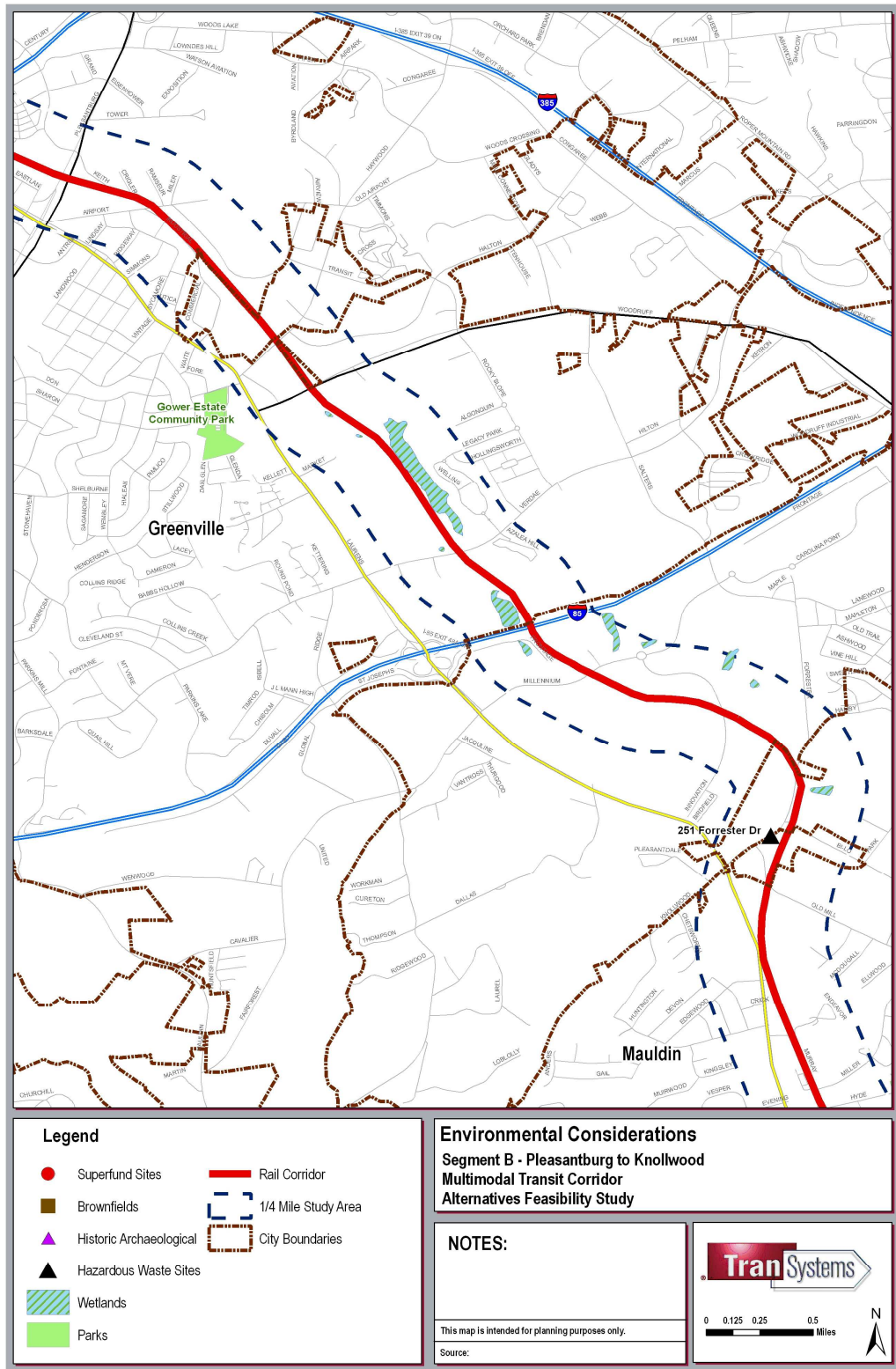


Figure A-17



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Figure A-18



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Figure A-19

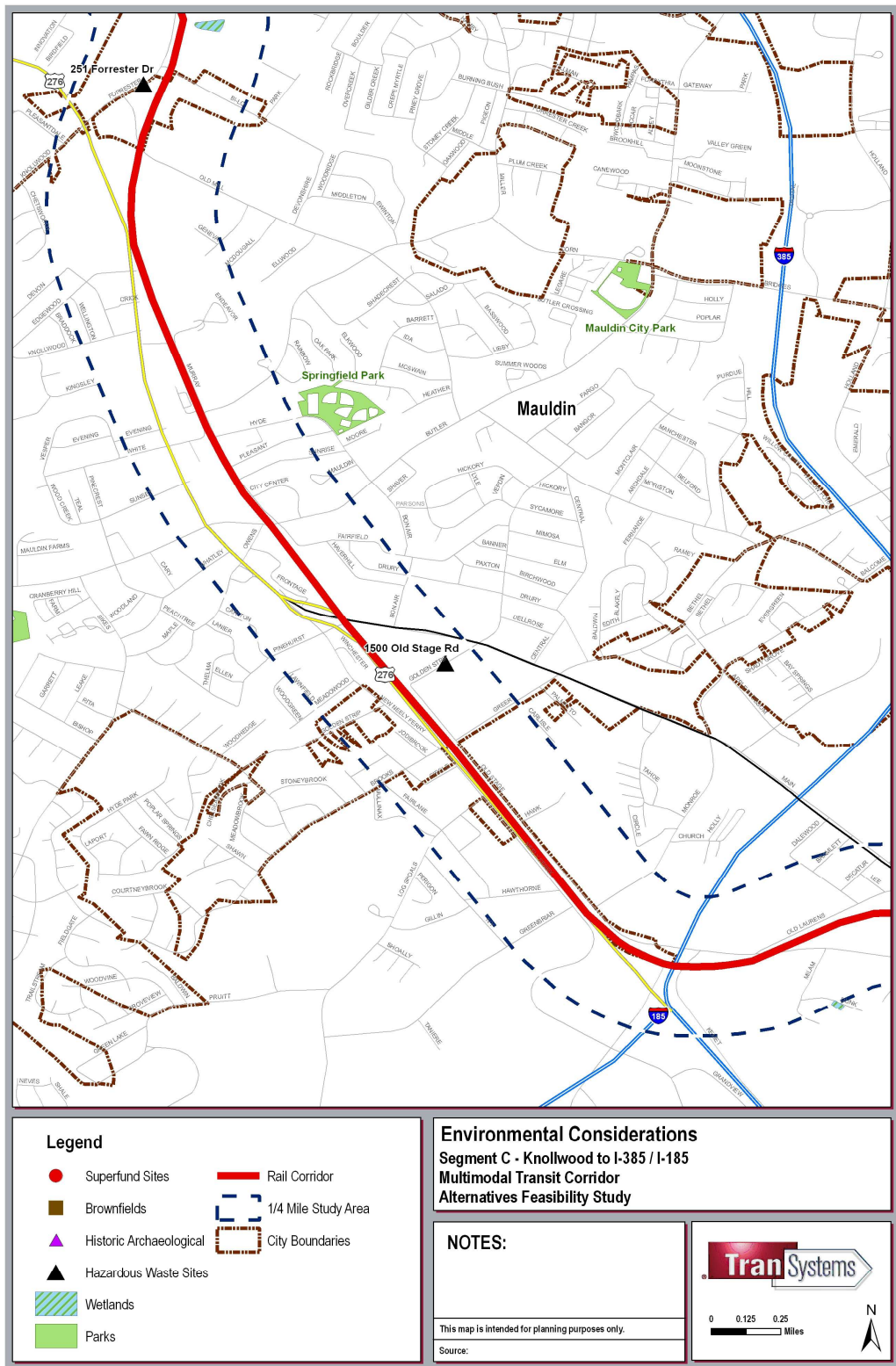


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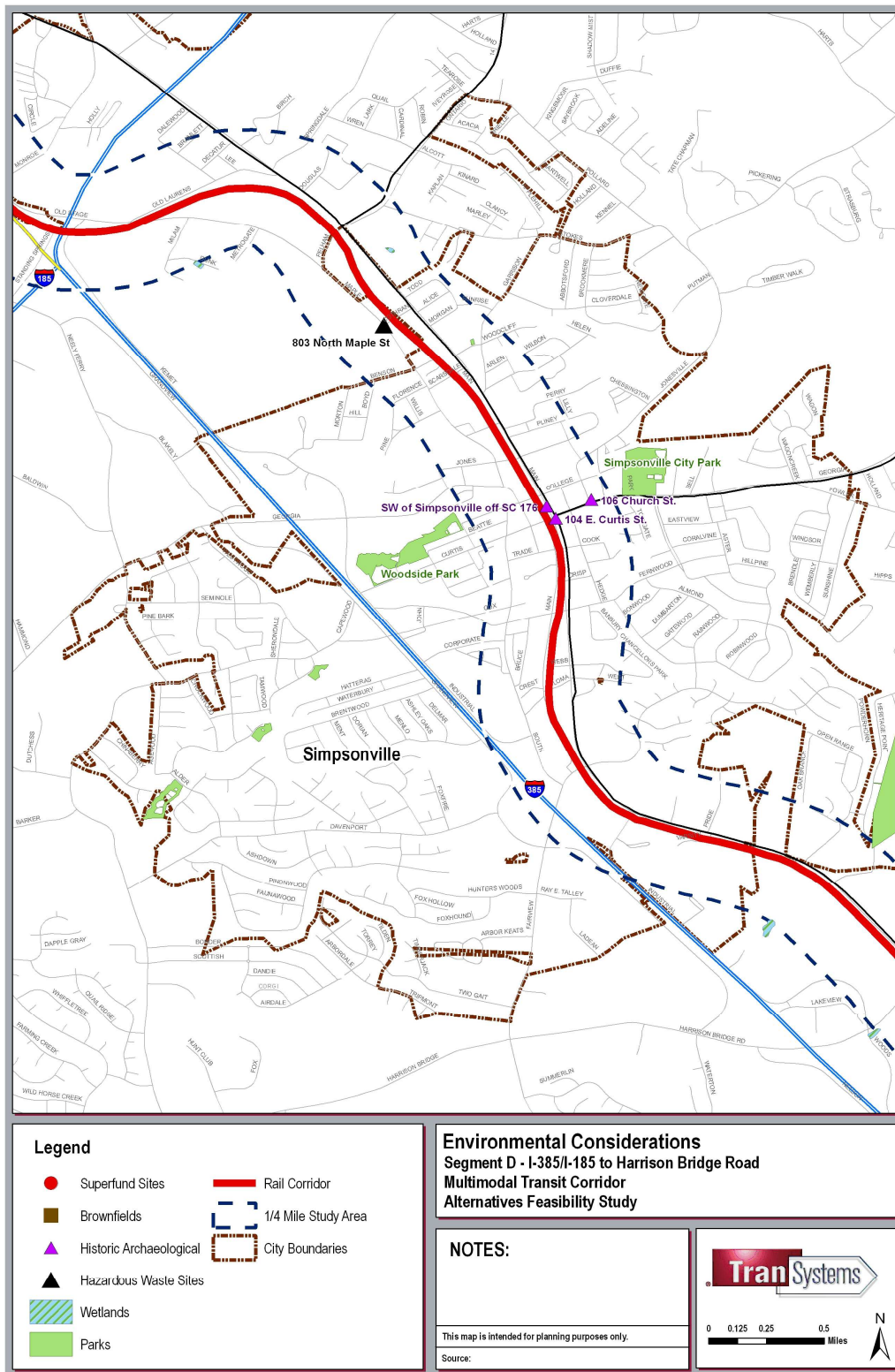


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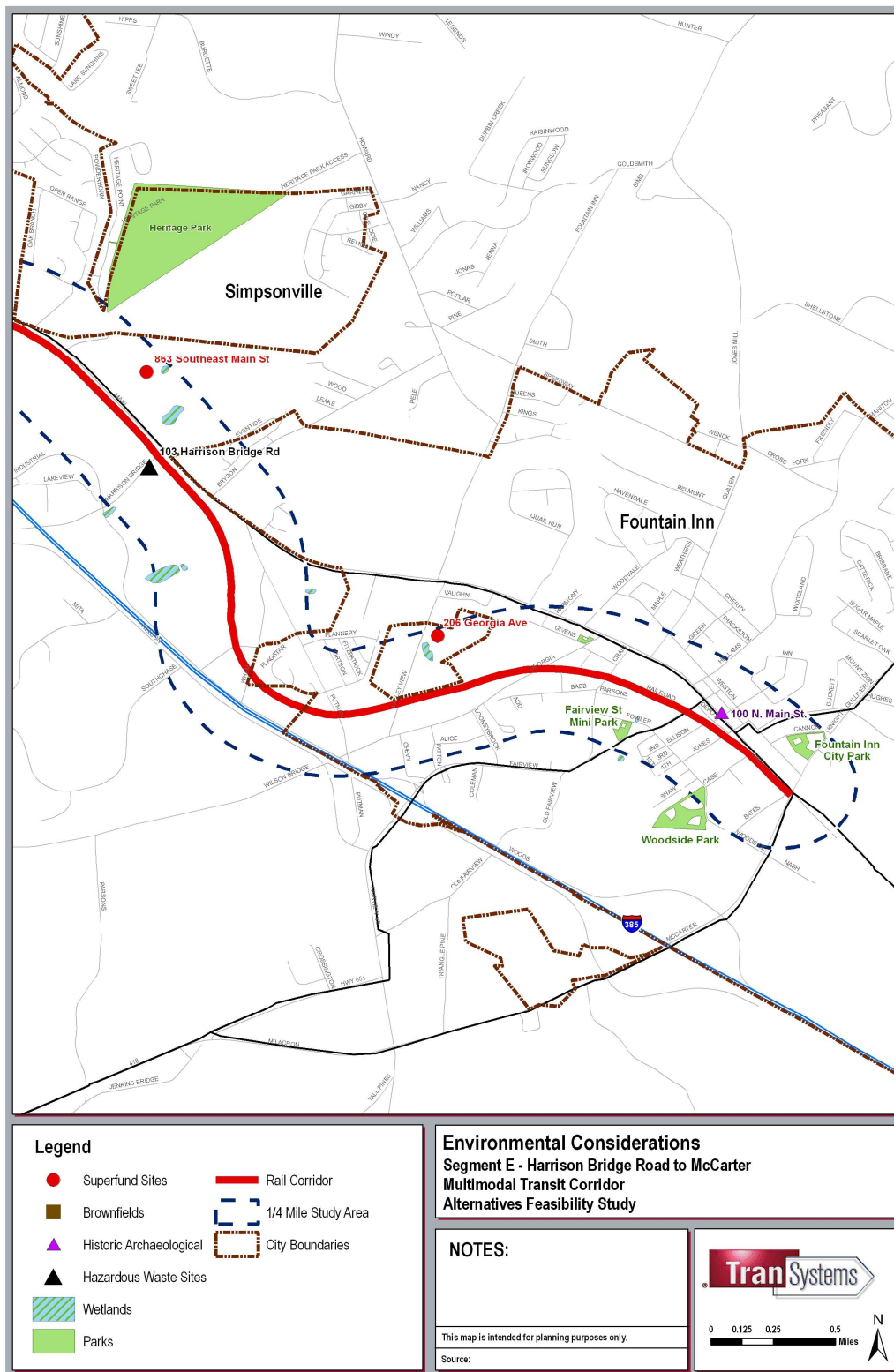
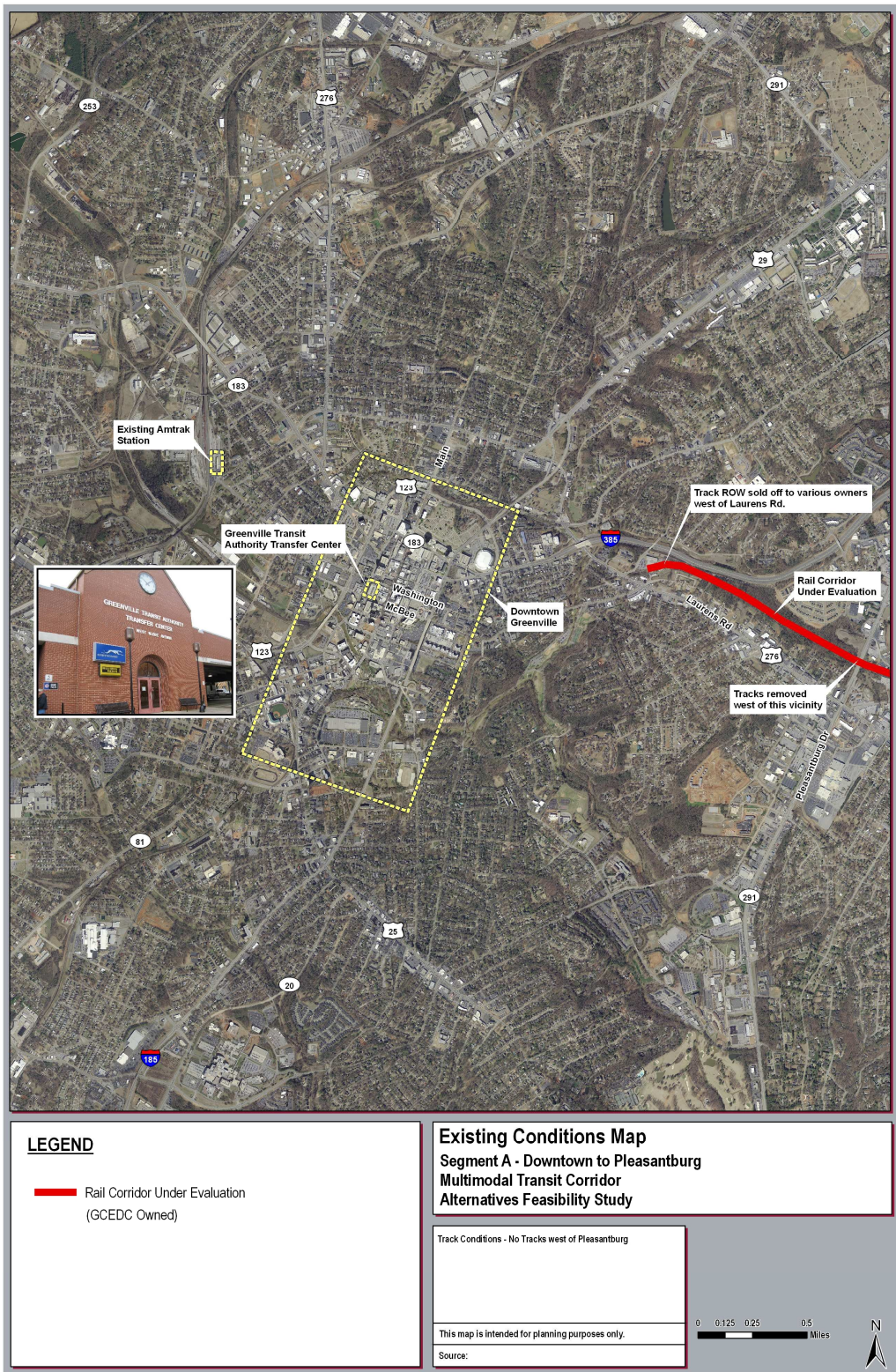
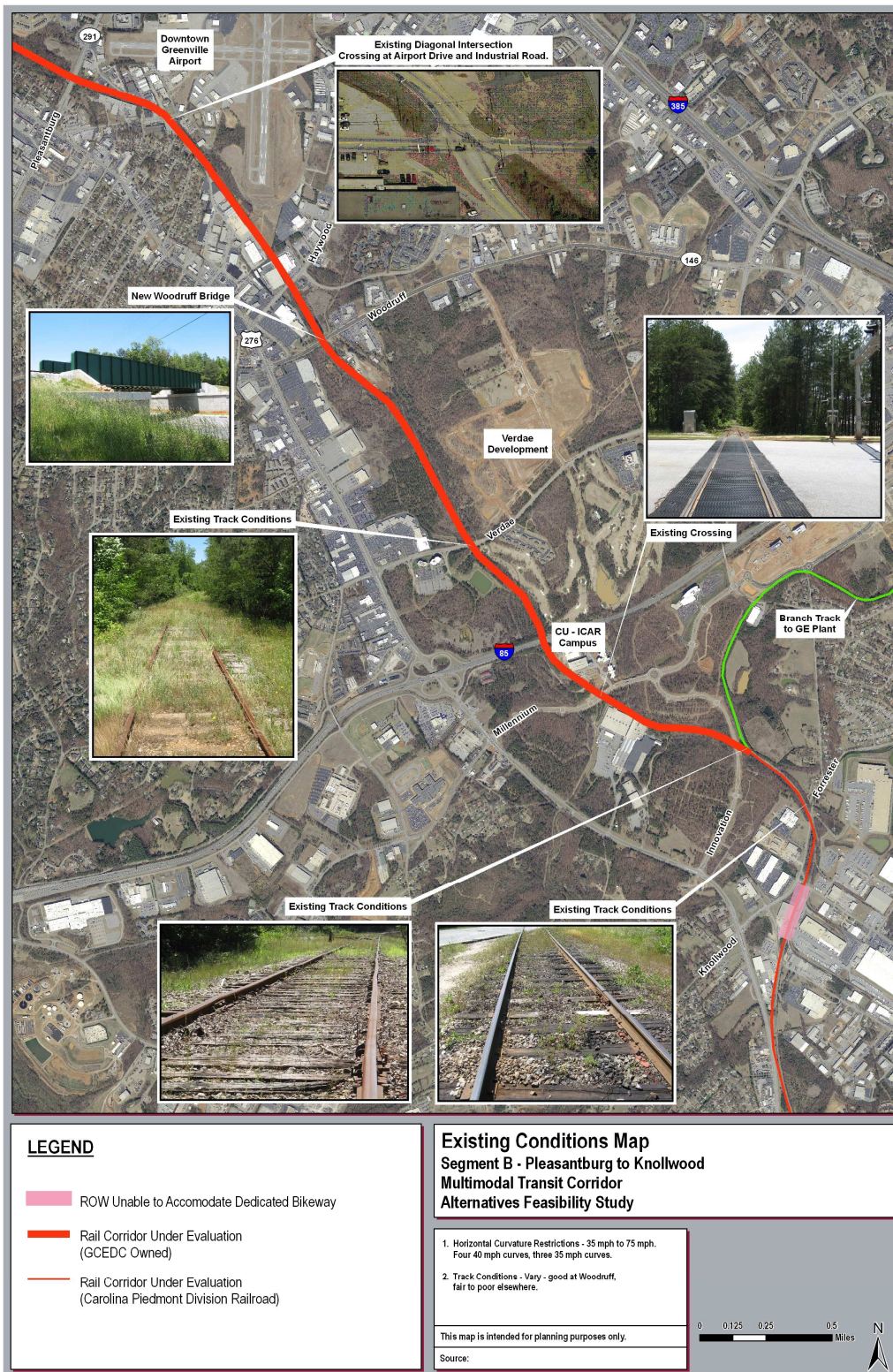


Figure A-22



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Figure A-23



June, 2009

Figure A-24

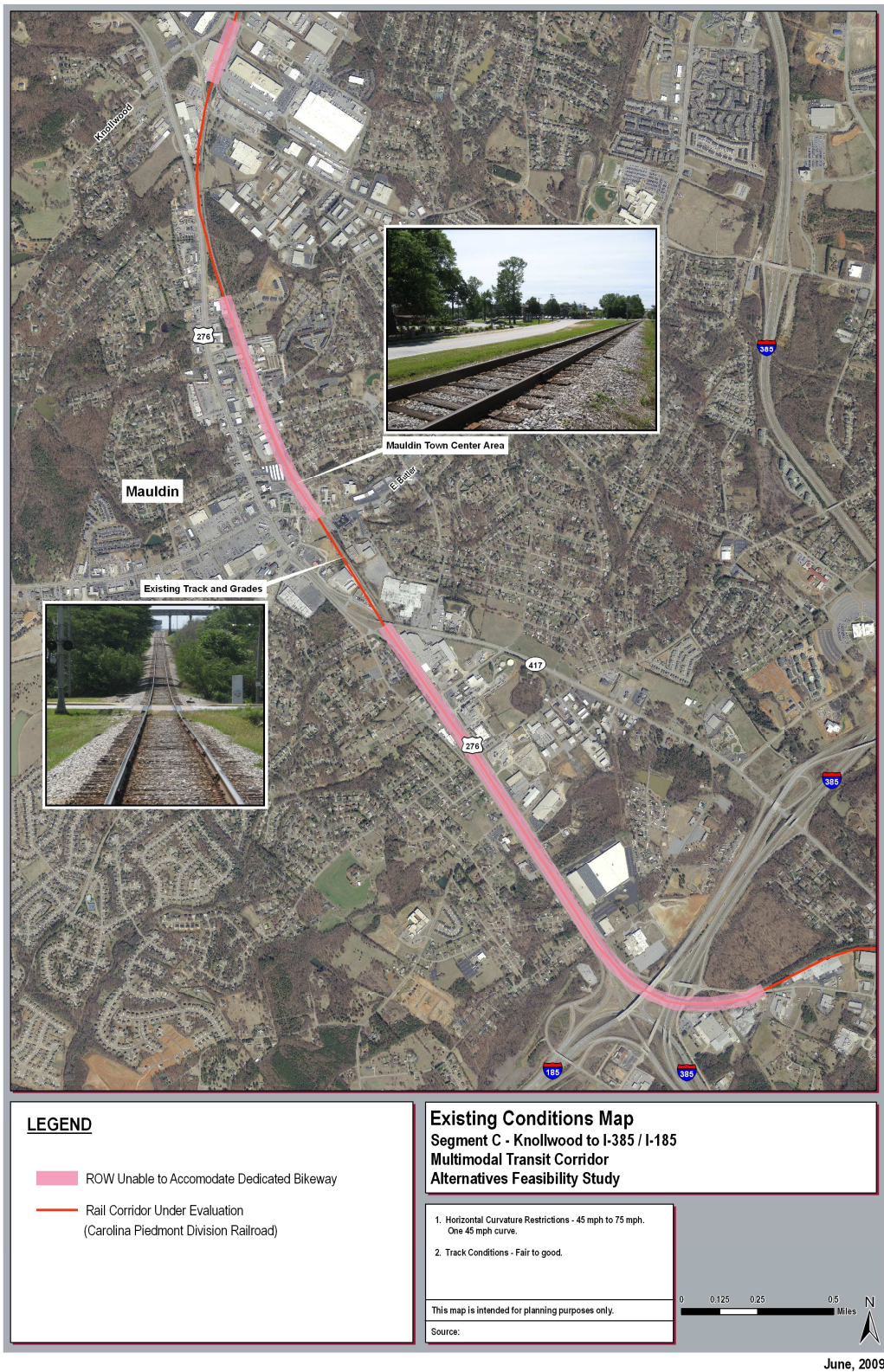


Figure A-25

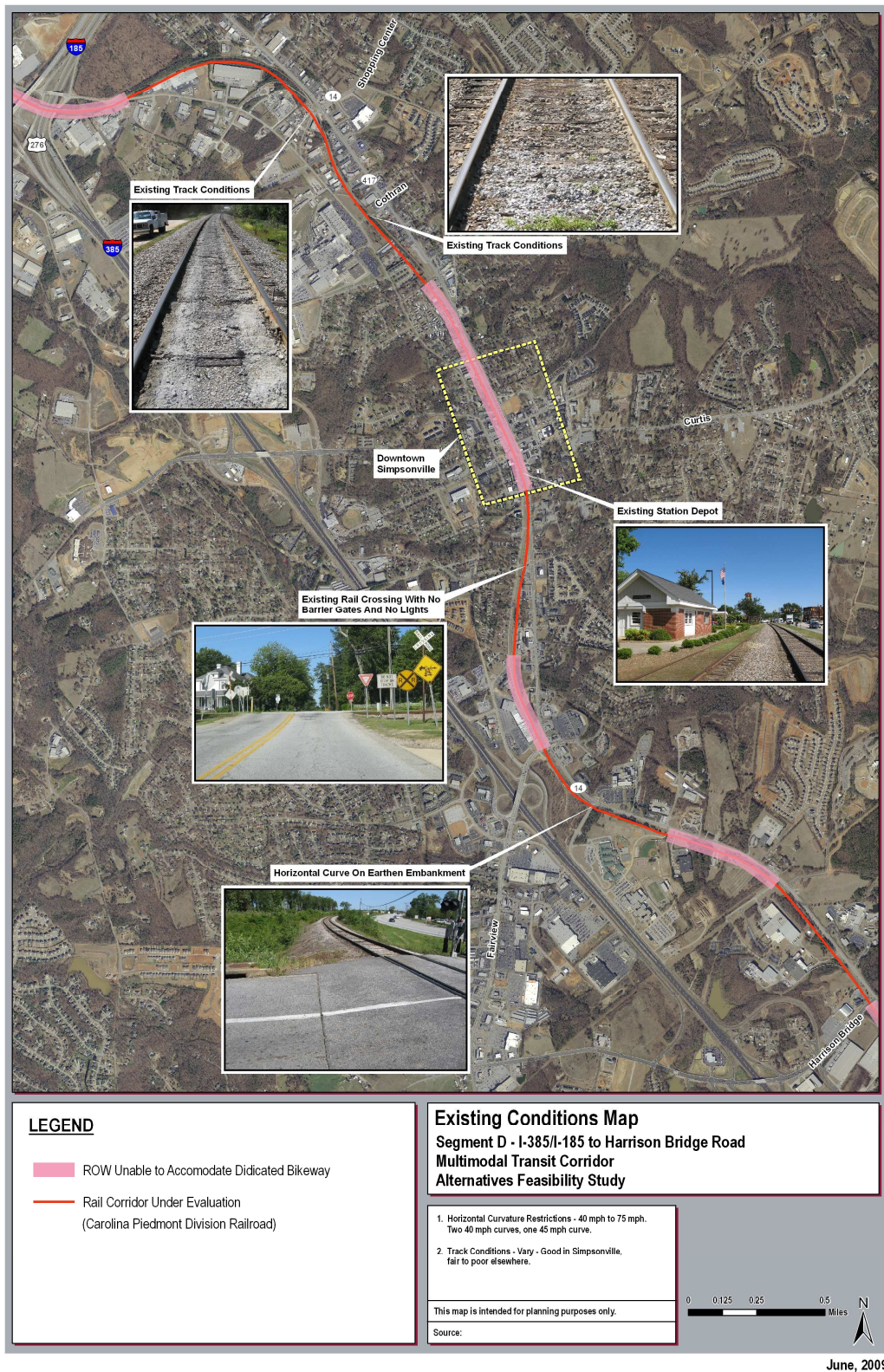


Figure A-26

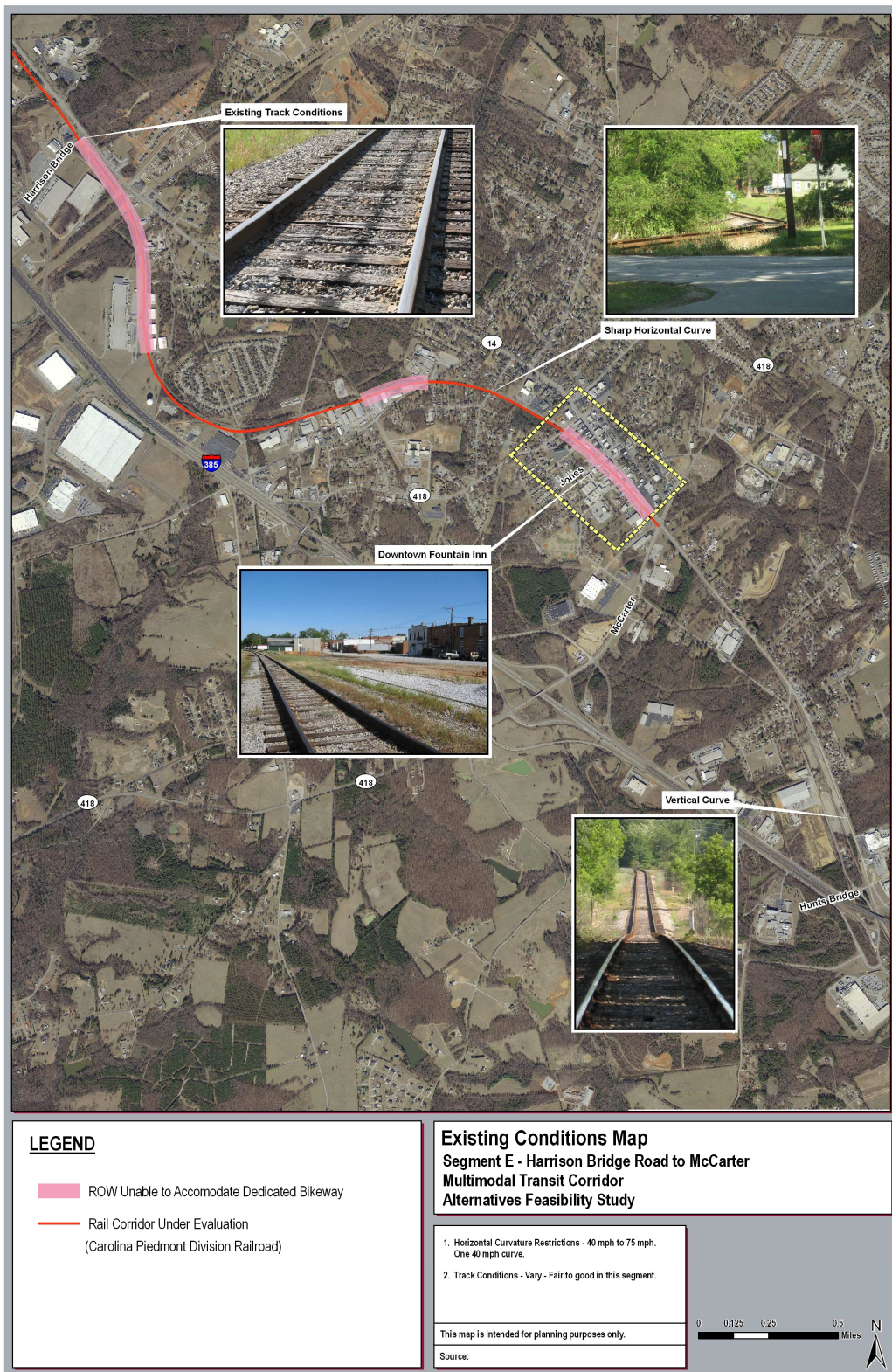


Figure A-27

TABLES

Table A1 - South Carolina Rare, Threatened, & Endangered Species Inventory
Species Found In Greenville County
(Date Last Updated: January 17th, 2006)

SCIENTIFIC NAME	COMMON NAME
ACCIPITER COOPERII	COOPER'S HAWK
ACER PENSYLVANICUM	STRIPED MAPLE
ACONITUM UNCINATUM	BLUE MONKSHOOD
AGRIMONIA PUBESCENS	SOFT GROOVEBUR
AMORPHA GLABRA	SMOOTH INDIGOBUSH
ANEIDES AENEUS	GREEN SALAMANDER
ANEMONE BERLANDIERI	SOUTHERN THIMBLE-WEED
ARETHUSA BULBOSA	BOG ROSE
ARISTOLOCHIA MACROPHYLLA	PIPEVINE
ASPLENIUM PINNATIFIDUM	LOBED SPLEENWORT
ASPLENIUM RESILIENS	BLACK-STEM SPLEENWORT
ASPLENIUM RHIZOPHYLLUM	WALKING-FERN SPLEENWORT
ASPLENIUM TRICHOMANES	MAIDENHAIR SPLEENWORT
BETULA ALLEGHANIENSIS	YELLOW BIRCH
CAMPANULA AMERICANA	TALL BELLFLOWER
CAREX AUSTROCAROLINIANA	SOUTH CAROLINA SEDGE
CAREX BILTMOREANA	BILTMORE SEDGE
CAREX FOLLICULATA	LONG SEDGE
CAREX GRACILLIMA	GRACEFUL SEDGE
CAREX PEDUNCULATA	LONGSTALK SEDGE
CASTILLEJA COCCINEA	SCARLET INDIAN-PAINTBRUSH
CAULOPHYLLUM THALICTROIDES	BLUE COHOSH
CHELONE LYONII	PINK TURTLEHEAD
CHRYOSPLENIUM AMERICANUM	AMERICAN GOLDEN-SAXIFRAGE

CIMICIFUGA AMERICANA	MOUNTAIN BUGBANE
CIRCAEA LUTETIANA SSP CANADENSIS	ENCHANTER'S NIGHTSHADE
CLADRASTIS KENTUKEA	YELLOWWOOD
COMPTONIA PEREGRINA	SWEET FERN
CONDYLURA CRISTATA	STAR-NOSED MOLE
CONVALLARIA MONTANA	AMERICAN LILY-OF-THE-VALLEY
COREOPSIS GLADIATA	SOUTHEASTERN TICKSEED
COREOPSIS LATIFOLIA	BROAD-LEAVED TICKSEED
CORNUS RACEMOSA	STIFF DOGWOOD
CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT
CYPRIPEDIUM PUBESCENS	LARGE YELLOW LADY'S-SLIPPER
CYSTOPTERIS PROTRUSA	LOWLAND BRITTLE FERN
DESCHAMPSIA FLEXUOSA	CRINKLED HAIRGRASS
DESMOGNATHUS MARMORATUS	SHOVELNOSE SALAMANDER
DIPHYLLEIA CYMOSA	UMBRELLA-LEAF
DRYOPTERIS INTERMEDIA	EVERGREEN WOODFERN
ETHEOSTOMA FLABELLARE	FANTAIL DARTER
EUPATORIUM FISTULOSUM	HOLLOW JOE-PYE WEED
FALCO PEREGRINUS ANATUM	AMERICAN PEREGRINE FALCON
FOTHERGILLA MAJOR	MOUNTAIN WITCH-ALDER
GALEARIS SPECTABILIS	SHOWY ORCHIS
GAULTHERIA PROCUMBENS	TEABERRY
GLYPTEMYS MUHLENBERGII	BOG TURTLE
GYMNODERMA LINEARE	ROCKY GNOME LICHEN
HACKELIA VIRGINIANA	VIRGINIA STICKSEED
HELENIUM BREVIFOLIUM	SHORTLEAF SNEEZEWEED
HELIANTHUS GLAUCOPHYLLUS	WHITE-LEAVED SUNFLOWER
HELONIAS BULLATA	SWAMP-PINK
HEPATICA ACUTILOBA	LIVERLEAF
HEUCHERA PARVIFLORA	LITTLE-LEAVED ALUMROOT
HEXASTYLIS NANIFLORA	DWARF-FLOWERED HEARTLEAF
HYDROCOTYLE AMERICANA	AMERICAN WATER-PENNYWORT

HYDROPHYLLUM CANADENSE	BLUNT-LEAF WATERLEAF
IMPATIENS PALLIDA	PALE JEWEL-WEED
ISOTRIA MEDEOLOIDES	SMALL WHORLED POGONIA
JUGLANS CINEREA	BUTTERNUT
JUNCUS GYMNOCARPUS	NAKED-FRUITED RUSH
JUNCUS SUBCAUDATUS	WOODS-RUSH
JUNIPERUS COMMUNIS	GROUND JUNIPER
KRIGIA MONTANA	FALSE DANDELION
LAMPROPELTIS TRIANGULUM	MILK SNAKE
LILIUM CANADENSE	CANADA LILY
LIMNOTHLYPIS SWAINSONII	SWAINSON'S WARBLER
LONICERA FLAVA	YELLOW HONEYSUCKLE
LYCOPODIUM POROPHILUM	ROCK CLUBMOSS
LYCOPODIUM TRISTACHYUM	DEEP-ROOT CLUBMOSS

**Table A2
Track Conditions**

Crossing Location	Rail				Ballast Condition	Tie Condition	No. of Ties Considered "Poor" out of 100	ROW Notes	General Notes
	General Condition	Year	Weight	Jointed					
Hunts Bridge Rd.	Good	1939	131 RE	Y	Good	Fair	35	Vegetation growth very close to tracks	Good track conditions
Knight St. / McCarter Rd.	Good	1940	131 RE	Y	Good	Fair	26		Abandoned industry lead and switch nearby
W. Jones St.	Good	1940	131 RE	Y	Good	Fair to Good	16		Adjacent vacant land, possible station site for downtown Fountain Inn
Harrison Bridge Rd.	Good	illegible	illegible	Y	Good	Fair	22		Abandoned industry lead and switch nearby
Industrial Dr. / Hillcrest Hospital	Not evaluated	n/a	n/a	n/a	n/a	n/a	n/a	Track constructed in a small valley on earthen embankment	Construction of any parallel track or guideway here would require significant earthen fill.
Curtis St.	Good	illegible	illegible	Y	Good	Fair to Good	19	Very close to Main St. with small parkway between the two	Site has an existing (unused) depot building, available parking, walking distance to most of downtown Simpsonville, possible site for future station.
Cothran Dr.	Poor	1927	100 25 RE	Y	Poor, Moderate mud pumping, some ballast covered	Covered in pine needles	25		New ballast needed, compromise joint bars noted
Pelham Rd. / Shopping Center Hwy	Very poor	1940	131 RE	Y	Poor, Severe mud pumping - 50% of all ballast covered in mud	Fair	21		Ties rising up out of ballast
Butler	Good	1939	131 RE	Y	Good	Fair to Good	20		Possible station site for Mauldin
Forrester Dr.	Fair, Rail head flaking off, flowing	illegible	100 25 RE	Y	Fair, Minor overgrowth, pumping	Fair to Good	19		Clean or replace ballast
Innovation Dr.	Poor, rusty rail, needs realignment	1918	illegible	Y	Poor, replace ballast	Fair	27		Both ballast and rail need replacement
Millennium Blvd.	Poor	illegible	illegible	Y	Poor, replace ballast	Poor, ties rising up out of ballast	43	Very tight ROW, vegetation overgrowth widespread	
Verdae Blvd.	Very Poor, rusty rail	illegible	illegible	Y	Poor, replace ballast	Poor, more than 50% of ties considered poor, severe pumping	50 - 75	Vegetation overgrowth almost complete	
Woodruff Rd.	Good, but rusty rail	illegible	illegible	Y	Excellent	Excellent	0	On earthen embankment	
Haywood Rd.	Very Poor	illegible	illegible	Y	Poor, replace ballast	Poor	50-75	Vegetation overgrowth complete	
Industrial Dr. / Airport Rd.	Very Poor	illegible	illegible	Y	Poor, replace ballast	Poor	All	Vegetation overgrowth complete	Track crosses and intersection at a diagonal, non-ideal for any passenger operation.